

LAHIVE  
&  
COCKFIELD  
L L P

COUNSELLORS AT LAW  
28 STATE STREET  
BOSTON, MASSACHUSETTS 02109-1784  
TELEPHONE (617) 227-7400  
FAX (617) 742-4214  
lc@lahcoc.com

JOHN A. LAHIVE, JR. (1928-1997)  
THOMAS V. SMURZYNSKI  
RALPH A. LOREN  
GIULIO A. DeCONTI, JR.  
ANN LAMPORT HAMMITTE  
ELIZABETH A. HANLEY  
AMY BAKER MANDRAGOURAS  
ANTHONY A. LAURENTANO  
KEVIN J. CANNING  
JANE E. REMILLARD  
DeANN FORAN SMITH  
JEANNE M. DIGIORGIO  
DEBRA J. MILASINCIC, Ph.D.  
NICHOLAS P. TRIANO, III  
CHI SUK KIM  
DAVID J. RIKKERS  
DAVID R. BURNS

JOHN S. CURRAN  
SEAN D. DETWEILER  
ADAM M. GOODMAN  
CYNTHIA L. KANIK, Ph.D.  
MEGAN E. WILLIAMS, Ph.D.  
RICHA NAND

SENIOR COUNSEL  
JAMES E. COCKFIELD

OF COUNSEL  
JEREMIAH LYNCH  
WILLIAM A. SCOFIELD, JR.  
PETER C. LAURO \*

PATENT AGENTS  
PETER S. STECHER

TECHNICAL SPECIALISTS  
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.\*\*  
CYNTHIA M. SOROOS  
PETER W. DINI, Ph.D.  
EUIHOON LEE  
LISA M. DIROCCO  
JENNIFER K. ROSENFELD  
JUDITH STONE-HULSLANDER, Ph.D.  
ALLAN TAMESHTIT, Ph.D.  
CATHERINE E. McPHERSON  
ERIC F. WAGNER, Ph.D.  
SHAHID HASAN, Ph.D.  
ASHITA DOSHI, Ph.D.  
JACOB G. WEINTRAUB

\* Admitted in NY only  
\*\* Passed the Patent Bar Examination



Commissioner for Patents  
Washington, D.C. 20231

March 22, 2001

RECEIVED

MAR 30 2001

TECH CENTER 1600/2900

Re: U.S. Patent Application No.: 09/554,933  
Title: *HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND DNAS  
ENCODING THESE PROTEINS*  
Inventors: Seishi Kato *et al.*  
Filed: May 22, 2000  
Our Ref. No.: GIN-6713CPUS

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449;
3. Full copies of references cited in PTO Form 1449;
4. Copy of the Written Opinion;
5. Copy of the International Search Report;
6. Associate Power of Attorney; and
7. A return postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

**Certificate of First Class Mailing (37 C.F.R. §1.8(a))**

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:

March 22, 2001

Date

Cynthia L. Kanik, Esq., Reg. No. 37,320

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Cynthia L. Kanik, Esq.  
Registration No. 37,320  
Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#7/52  
4-201

In re the application of: Seishi Kato *et al.*

Group Art Unit: 1646

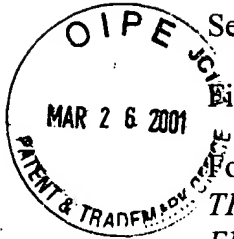
Serial No.: 09/554,933

Examiner: Not Yet Assigned

Filed: May 22, 2000

For: *HUMAN PROTEINS HAVING  
TRANSMEMBRANE DOMAINS AND DNAS  
ENCODING THESE PROTEINS*

Attorney Docket No.: GIN-6713CPUS



Commissioner for Patents  
Washington, D.C. 20231

03/28/2001 TBESHAH1 00000028 120080 09554933

01 FC:126

180.00 CH


Certificate of First Class Mailing (37 C.F.R. §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

March 22, 2001

Date of Signature and of Mail Deposit

By:

  
Cynthia L. Kanik, Esq.  
Registration No. 37,320  
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 C.F.R. §1.97 hereby submit these publications for the Examiner's consideration. A full copy of each cited publication is enclosed.

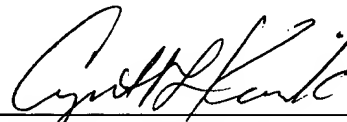
This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other

relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 C.F.R. § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



Cynthia L. Kanik, Esq.  
Registration No. 37,320  
Attorney for Applicants

28 State Street  
Boston, MA 02109  
(617) 227-7400

Date: March 22, 2001